

Appl. No. 10/036,371  
Amendment dated August 4, 2004  
Reply to Office Action of May 4, 2004  
Attorney Ref. No.: 081691 - 0284960

## I. AMENDMENT

### IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-27. (Canceled).

Claim 28. (Currently Amended) A method of treating a disease selected from the group consisting of arthritis, tendonitis, phlebitis, psoriasis, acne, eczema, dermatitis, and wounds in a human or animal, the method comprising administering to said human or animal a pharmaceutically effective amount of a fish serine protease proteinase obtained from Atlantic cod.

Claim 29. (Previously Presented) The method according to claim 28, wherein the proteinase is a trypsin.

Claim 30. (Previously Presented) The method according to claim 28, wherein the proteinase is administered topically.

Claim 31. (Previously Presented) The method according to claim 28, wherein the proteinase is administered gastroenterally.

Claims 32-41. (Canceled).

Claim 42. (Currently Amended) The method according to claim ~~41~~ 29, wherein the trypsin is selected from the group consisting of trypsin I, trypsin II and trypsin III.

Claim 43. (Canceled)

Claim 44. (Currently Amended) A method of removing dead or peeling skin from otherwise healthy skin, comprising administering a pharmaceutically effective amount of a fish serine proteinase obtained from Atlantic cod.

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Claim 45. (Previously Presented) The method according to claim 44, wherein the proteinase is a trypsin.

Claim 46. (Canceled)

Claim 47. (Currently Amended) The method according to claim 46 45, wherein the trypsin is selected from the group consisting of trypsin I, trypsin II and trypsin III.

Claim 48. (Canceled)

Claim 49. (Previously Presented) The method according to claim 44, wherein the proteinase is not multifunctional.

Claim 50. (Previously Presented) The method according to claim 44, wherein the proteinase is administered topically.